

LIFE SCIENCES AND HEALTHCARE INDUSTRY OVERVIEW



TAMPA GENERAL HOSPITAL

Tampa Bay has emerged as a driving force behind the state's fast-growing life sciences industry, which includes 5,400+ companies supporting 80,000 jobs. Over the next five years, the life sciences and healthcare industries will see a combined projected growth of more than 20% in Hillsborough County.

Over the past decade, a biotech cluster has formed in Tampa Bay with the recruitment of globally renowned companies, such as Amgen, Bristol Myers Squibb, Johnson & Johnson, and Pfizer, choosing Hillsborough County as sites for major global capability hubs. The area has also attracted medical research and life sciences companies like Axogen, Morphogenesis, and Vycellix, which are producing innovative solutions and developing cutting-edge therapies to treat various diseases. These companies join a stellar list of life sciences companies already in the area with specialties ranging from global operations, R&D, and advanced manufacturing.

Hillsborough County has premier healthcare facilities, from Tampa General Hospital to Moffitt Cancer Center, and talent development centers at USF Health Morsani College of Medicine and USF Health Center for Advanced Medical Learning and Simulation (CAMLs), University of Tampa College for Natural & Health Sciences, Hillsborough Community College Health Sciences and Nursing programs, and Ultimate Medical Academy.

Strong partnerships between local institutions and global companies are advancing the fast-growing healthcare and biotech presence in Tampa.

“THE COMMUNITY HAS WELCOMED US WITH OPEN ARMS SINCE OUR ARRIVAL. THE WEALTH OF TALENT AND THE SUPPORT OF THE BUSINESS COMMUNITY AND LOCAL ACADEMIC INSTITUTIONS HAVE ALLOWED US THE OPPORTUNITY TO BUILD A WORLD-CLASS TEAM.”

- GWEN CUMMINGS, SITE LEAD, AMGEN CAPABILITY CENTER

TAMPABAYEDC.COM

TAMPA BAY'S LEADING LIFE SCIENCE COMPANIES:

AMGEN

 Bristol Myers Squibb™

 

 Lions Eye Institute
FOR TRANSPLANT & RESEARCH


MOFFITT
CANCER CENTER



- Avalon Healthcare Solutions
- Axogen
- Bausch + Lomb
- Florida Blue
- M2Gen
- MHK
- Morphogenesis
- Quest Diagnostics
- Ultimate Medical Academy
- Vycellix

LIFE SCIENCES AND HEALTHCARE INDUSTRY OVERVIEW

TAMPA MSA

ESTABLISHMENTS: 1,871

NAICS	Life Sciences Industry Sectors	TAMPA MSA
32541	Pharmaceutical and Medicine Manufacturing	184
33451	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	227
33911	Medical Equipment and Supplies Manufacturing	370
54138	Testing Laboratories	389
54171	Research and Development in the Physical, Engineering, and Life Sciences	336
62151	Medical and Diagnostic Laboratories	365
TOTAL		1,871

Source: D&B Hoovers March 2020

EMPLOYED BY OCCUPATION

AVERAGE WAGES BY OCCUPATION

SOC	Life Sciences Occupations	Tampa MSA	FLORIDA	AVERAGE WAGES BY OCCUPATION	
				TAMPA MSA	USA
11-3020	Statisticians	273	1,624	\$85,100 \$95,700	
11-3030	Bioengineers and Biomedical Engineers	228	1,141	\$91,400 \$97,100	
11-3120	Chemical Engineers	90	624	\$79,500 \$117,100	
13-1040	Industrial Engineers, Including Health and Safety	2,042	12,119	\$82,100 \$92,800	
13-1160	Biological Scientists	724	4,874	\$63,000 \$89,800	
13-1190	Medical Scientists	847	4,890	\$81,500 \$97,700	
13-2010	Chemists and Materials Scientists	467	2,671	\$66,400 \$85,400	
13-2040	Chemical Technicians	392	2,326	\$46,600 \$52,900	
13-2060	Clinical Laboratory Technologists and Technicians	3,741	21,706	\$49,500 \$54,800	
13-2070	Diagnostic Related Technologists and Technicians	4,537	27,912	\$61,700 \$66,800	
13-2090	Health Practitioner Support Technologists and Technicians	8,697	57,264	\$34,400 \$37,900	
TOTAL EMPLOYED		22,038	137,151	AVERAGE WAGES \$52,100 \$63,300	

Source: Chmura JobsEQ Q3 2020 | Employment and Average Wages Per Worker

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# EMPLOYED BY INDUSTRY				AVERAGE WAGES BY INDUSTRY	
NAICS	Life Sciences Industry Sectors	Tampa MSA	FLORIDA		
32541	Pharmaceutical and Medicine Manufacturing	2,561	9,542	\$74,418 \$124,867	
33451	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	3,659	18,189	\$74,989 \$108,414	
33911	Medical Equipment and Supplies Manufacturing	4,766	21,514	\$64,610 \$77,664	
54138	Testing Laboratories	1,033	5,853	\$63,338 \$80,299	
54171	Research and Development in the Physical, Engineering, and Life Sciences	3,521	17,227	\$75,634 \$153,931	
62151	Medical and Diagnostic Laboratories	4,929	23,047	\$57,192 \$67,681	
	TOTAL EMPLOYED	20,469	95,372	AVERAGE WAGES \$68,364 \$102,143	

Source: Chmura JobsEQ Q3 2020 | Employment and Average Wages Per Worker

LIFE SCIENCES RELATED DEGREES					
PROGRAMS AND OCCUPATIONS	DEGREE LEVEL	TAMPA MSA		FLORIDA	
		2015-2019 5-Year Total	5-Year % Growth	2015-2019 5-Year Total	5-Year % Growth
Mathematics and Statistics	Bachelor's	437		3,311	
	Master's	89		1,205	
TOTAL		526	5.5%	4,516	13.1%
Engineering	Bachelor's	2,827		26,007	
	Master's	1,624		10,365	
TOTAL		4,451	43.3%	36,372	21.7%
Biological and Biomedical Sciences	Bachelor's	6,571		32,573	
	Master's	1,578		5,113	
TOTAL		8,149	17.4%	37,686	15.5%
Physical Sciences	Bachelor's	767		5,119	
	Master's	174		1,202	
TOTAL		941	24.5%	6,321	9.6%
Health Professions and Related Programs	Bachelor's	13,070		70,091	
	Master's	4,852		30,377	
TOTAL		17,922	15.2%	100,468	21.9%

Source: Chmura JobsEQ

#1 State for higher education

- U.S. News and World Report, 2021

#2 Best State for Business

- Chief Executive Magazine, 2021

#4 State best business tax climate

- Tax Foundation, 2021



The USF Health Morsani College of Medicine and Heart Institute moved to downtown Tampa

in 2020, bringing approximately 1,800 students, faculty and staff to live, work and study along the downtown waterfront as a key anchor at Water Street Tampa. The USF Health Taneja College of Pharmacy will start classes there in fall 2021. Being located within a mile of its primary teaching hospital Tampa General Hospital, USF attracts the brightest students and faculty.

The downtown location has already yielded positive impacts on recruiting top-tier students. USF has become the most selective medical school in Florida, with applications rising 40% since the 2014 announcement of the downtown move. With more than 30 applicants vying for each seat in the MD program, incoming student credentials have skyrocketed, and the MCAT scores for the past four entering classes were in the top 10% of all U.S. medical schools.

In addition to training students for exciting careers as MDs, pharmacists, physician assistants, and physical therapists, USF Health offers degree and certificate programs in the fast-growing fields of healthcare informatics and healthcare analytics, which are shaping the way healthcare is delivered in the United States.



The University of South Florida's Center for Advanced Medical Learning and Simulation (CAMLCS) is one of the world's largest, free-standing simulation facilities exclusively dedicated to training healthcare professionals.

CAMLCS provides simulation experiences for educating students; training health care faculty in simulation education; and preparing health care professionals to acquire, maintain and enhance their clinical practice to meet today's workforce needs and improve patient care in Tampa Bay, Florida and around the globe. The 90,000-square-foot facility is located in the heart of downtown Tampa and provides a state-of-the-art, high-fidelity clinical environment with 60,000 square feet dedicated to surgical skills labs, operating trauma suites, and patient exam rooms, plus more than 25,000 square feet of meeting and conference space.



The College of Natural and Health Sciences offers rigorous, high quality curricula designed to prepare students for the challenges and opportunities that exist while pursuing a career in the sciences, health care or sport studies. The college offers academic programs in biology, chemistry and physics,

health sciences and human performance, nursing, physician assistant medicine, and sport management.



Ultimate Medical Academy is a nonprofit healthcare educational institution that has offered comprehensive, accredited healthcare education for more than 25 years. Whether on the clinical side or back office operations, UMA offers numerous degree programs for students who want to start a rewarding career in the fast-growing healthcare field. In-person classes teach students how to provide compassionate care as a medical assistant, nursing assistant and patient care technician. Online learning programs prepare students to enter the emerging area of health tech with degrees in healthcare accounting, health information technology and healthcare management.



Hillsborough Community College

HCC offers a multitude of paths to helping others through its health sciences programs. Students can earn a degree or certificate in a variety of fields including diagnostics, emergency medicine, clinical research and laboratory tech, nursing, pharmacy, respiratory care and surgical technology.



Through a growing number of degree programs at the new College of Health Professions, health-minded students can earn a degree that prepares them for a variety of roles in health care fields that impact the health and well-being of our communities. St. Leo's interdisciplinary curriculum offers undergraduate students the flexibility they need to explore different degree programs within the health profession before choosing their career path. Bachelor's degrees in nursing, respiratory therapy, and health education & health promotion are available.

PIONEERING PARTNERSHIPS AND INNOVATION

The new state-of-the-art **USF Morsani College of Medicine** and **Microsoft** have created the first-ever Medical School of Innovation where advanced Microsoft technology has been integrated into the College.

Tampa General Hospital-USF Health Office of Clinical Research will bolster research, improve patient care, and expand and strengthen jointly conducted clinical trials.

Tampa General Hospital and **GE Healthcare** launched **CareComm** command center using AI application to help optimize patient care with real-time actionable information.

Tampa General Hospital has created **InnoVentures**, a venture capital fund dedicated to driving a culture of innovation across the region's leading academic medical center through the support of early-stage startups and direct investments in healthcare companies.



In early 2017, AMGEN announced plans to locate its Capability Center in Tampa, adding 450 new jobs. The global biotechnology leader occupies 136,000 square feet in the Westshore district.



JOHNSON & JOHNSON opened its North American shared services headquarters in Tampa in 2016, creating 500 new high wage jobs. The shared services HQ is designed to handle work in the areas of finance, human resources, IT, and procurement.



BRISTOL-MYERS SQUIBB decided to locate its North America Capability Center in Tampa in 2013, opening the center one year later with 250 employees. They went on to add up to 325 additional jobs to support scientific and technical activities by the life sciences giant.



The top cancer hospital in Florida and one of only 41 National Cancer Institute-designated Comprehensive Cancer Centers MOFFITT CANCER CENTER is approaching cancer treatment differently. Its Total Cancer Care model combines elements of personalized medicine and access to clinical trials with traditional care.



A spin-off of Moffitt Cancer Center, M2GEN delivers health informatics solutions to predict and meet patient needs. M2GEN led creation of the world's largest repository of cancer-focused clinical and molecular data.



Located downtown, the CENTER FOR ADVANCED MEDICAL LEARNING AND SIMULATION (CAMLS) is on the fast track for becoming a national model for improving medical training and patient safety through the use of technology.



In 2021, Pfizer, one of the world's premier biopharmaceutical companies, announced plans to open a global capability in hub. The new facility is located just north of downtown Tampa in Heights Union and brings together multi-disciplinary, professional services, such as finance, human resources, digital, and sourcing.